

Rpt. 6.

For the information of Surveyors and the Committee only.

Received at

Office

19

Lloyd's Register of Shipping.

(Report on Vessel No.

Port *Newcastle on Tyne*

No.

SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron & Steel Forgings or Castings, manufactured by *The Darlington Forge Ltd.* of *Darlington* for the Vessel No. *7026*, being built by *Swan Hunter & Co. Ltd.* of *Wallsend* have been inspected by me as set forth below and found to be, so far as can be seen, *Sound.*

Mark on Forgings or Castings.

Lloyd's

No. *2396D*

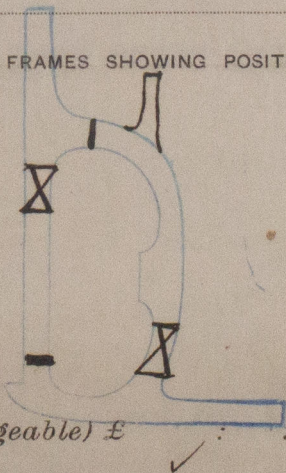
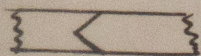
MR

M. Robertson

Built Darlington 18-12-19

	STERN FRAME.	RUDDER FRAME.	STEM
Material*	<i>Scrap Iron</i>	<i>S.M. Argot Steel</i>	
How made	<i>Forged</i>	<i>Forged</i>	
Dimensions	<i>11' x 8 1/2' x 9 1/2' x 8 1/2'</i>	<i>12 1/2' dia x 9 1/2'</i>	
Progress on Inspection	<i>Forged & Smithed</i>	<i>Forged & Finished</i>	
Date when Inspected	<i>28-8-17-29-8-19</i>	<i>15-10-19-18-12-19</i>	
CASTINGS.			
Tests on Standard Test Pieces.		<i>Top</i>	<i>Bottom</i>
Tensile Test—			
Tons per square inch		<i>4t 2 3/4 = 31-8</i>	<i>4t 9 5/8 = 30-8</i>
Extension per cent.		<i>28-0</i>	<i>29-3</i>
Cold Bending Test—			
Angle before fracture		<i>180</i>	<i>180</i>
Drop Test—			
Height from ground			
Hammering Test—			
If made according to Rules and found satisfactory		<i>Also forged iron</i>	

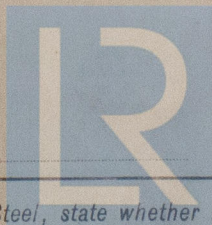
SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.



Fee (if any chargeable) £

To be paid at

* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.



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Lloyd's Register

Foundation

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